

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE S		PAGE OF PAGES 1 8	
2. AMENDMENT/MODIFICATION NO. 0002		3. EFFECTIVE DATE 09-Mar-2016		4. REQUISITION/PURCHASE REQ. NO. H912695275A020		5. PROJECT NO.(If applicable)	
6. ISSUED BY NAVSUP FLC NORFOLK PHILADELPHIA OFFICE 700 ROBBINS AVENUE, BLDG. 2B PHILADELPHIA PA 19111-5083		CODE N00189		7. ADMINISTERED BY (If other than item 6) See Item 6		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				X		9A. AMENDMENT OF SOLICITATION NO. N00189-16-R-Z005	
				X		9B. DATED (SEE ITEM 11) 22-Feb-2016	
						10A. MOD. OF CONTRACT/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The above referenced solicitation is hereby amended. Amendment 0004 is issued to provide answers to questions, to provide the Past Performance Form, and to make changes as described herein. All other terms and conditions remain the same.							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				TEL: _____ EMAIL: _____			
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED 09-Mar-2016	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION B - SUPPLIES OR SERVICES AND PRICES

The following have been modified:

LEVEL OF EFFORT**GENERAL INFORMATION**

The Government contemplates the award of an Indefinite-Delivery Indefinite Quantity (IDIQ) contract where the Government reserves the right to issue both Cost Plus Fixed Fee and Firm Fixed Price type task orders.

This IDIQ will satisfy a total five (5) year requirement, if the four options are exercised.

LEVEL OF EFFORT (COST TYPE CONTRACT)(SINGLE AWARD)(JUN 1995)
(Variation)

The level of effort for the performance of the contract resulting from this solicitation during the period from the start of contract performance to 60 months thereafter is based upon 193,875 estimated manhours of direct labor. If all options are exercised by the Government, the level of effort for the performance of the contract resulting from this solicitation will be increased by an additional 155,100 estimated manhours of direct labor, for a total level of effort of 193,875 estimated manhours of direct labor (hereinafter referred to as the "Estimated Total Hours").

The estimated composition by labor category of the Estimated Total Hours is as follows:

Labor Category	Base	Option 1	Option 2	Option 3	Option 4
Program Manager	375	375	375	375	375
Junior Operational Research Analyst	1920	1920	1920	1920	1920
Operational Research Analyst	3840	3840	3840	3840	3840
Senior Operational Research Analyst	1920	1920	1920	1920	1920
Junior Source Analyst	1920	1920	1920	1920	1920
Source Analyst	3840	3840	3840	3840	3840
Senior Source Analyst	7680	7680	7680	7680	7680
Subject Matter Expert	15360	15360	15360	15360	15360
Analysis Assistant	1920	1920	1920	1920	1920
Total	38775	38775	38775	38775	38775

NOTE: The estimated level of effort above is based on the presumption of an average of a 40-hour work-week.

(a) For the purposes of paragraph (e) below, the Estimated Total Hours shall be the number of hours associated with the base ordering period as increased by the number of hours associated with any exercised option ordering periods.

(b) Use of uncompensated overtime is not encouraged. Uncompensated overtime is defined in FAR 52.237-10 as "the hours worked without additional compensation in excess of an average of 40 hours per week by direct charge employees who are exempt from the Fair Labor Standards Act. Compensated personal absences such as holidays, vacations, and sick leave shall be included in the normal work week for purposes of computing uncompensated overtime hours." The Estimated Total Hours identified exclude holidays, vacation days, sick days and other employee absences.

(c) CPFF task orders resulting from task order solicitations will be primarily term type, however, the Government does reserve the right to issue completion type orders, if appropriate. The number of hours expended per month under each resulting term-type task order shall be commensurate with the pursuit of performance of the task order's statement of work, provided that such fluctuation does not result in the utilization of the task order hours prior to the expiration of the task order. The number of hours for any labor category may be utilized by the contractor for any other labor category if necessary in performance of the contract.

(d) For CPFF term-type task orders, the number of hours identified in the task order level-of-effort shall be considered against the Estimated Total Hours. For CPFF completion-type task orders, the hours proposed (to include proposed subcontractor hours) shall be considered against the Estimated Total Hours. For any resultant fixed-price task orders, the hours proposed (to include proposed subcontractor hours) shall be considered against the Estimated Total Hours.

(e) The Contracting Officer may place orders in excess of the Estimated Total Hours until the total estimated cost has been expended. The Contracting Officer may also place orders in excess of the total estimated cost until the Estimated Total Hours have been expended. In no event, however, will the Contracting Officer, pursuant to this paragraph (e), place orders in excess of the Estimated Total hours if the Contracting Officer has placed orders in excess of the total estimated cost. Nor will the Contracting Officer, pursuant to this paragraph (e), place orders in excess of the total estimated cost if the Contracting Officer has placed orders in excess of the Estimated Total Hours. The Contracting Officer may extend the period of performances in order to place orders up to the total estimated cost and the Estimated Total Hours.

(f) If at any time during this contract the contractor expends in excess of 85% of the available estimated man-hours of direct labor (at the individual contract and task order levels), the contractor shall immediately notify the Contracting Officer in writing. Nothing herein shall be construed to alter or waive any of the rights or obligations of either party pursuant to the clause entitled "Limitation of Cost" and/or "Limitation of Funds."

The contract modification necessary to effect the contract pricing schedule and level of effort changes for the issuance of an FFP task order will be issued concurrent with the FFP task order. The Contracting Officer reserves the right to issue these types of contract modifications unilaterally and the modifications will cite the contract clause entitled "Level of Effort", paragraph (g), as the authority for the modification.

*There is zero (0) overtime for this contract requirement.

LEVEL OF EFFORT - CPFF DELIVERY/TASK ORDER PERFORMANCE (OCT 1992)(Variation)

It is understood and agreed that the number of hours and the total dollar amount for each labor category specified in any CPFF delivery/task order issued under this contract are estimates only and shall not limit the use of hours or dollar amounts in any labor category which may be required and provided for under an individual CPFF delivery/task order. Accordingly, in the performance of any CPFF delivery/task order, the contractor shall be allowed to adjust the quantity of labor hours provided for within labor categories specified in the order provided that

in so performing the contractor shall not in any event exceed the ceiling price restrictions of any order, including modifications thereof.

PAYMENT OF FIXED FEE

The fixed fee for work performed under this contract is \$TBD provided that approximately 38,775 hours of technical effort are employed by the contractor in performance of this contract. If substantially fewer than 193,875 hours of technical effort are employed, the fixed fee shall be equitably reduced to reflect the reduction of work. The Government shall make monthly payments of the fixed fee at the rate of \$*** per direct labor hour invoiced by the contractor. All payments shall be in accordance with the provisions of FAR 52.216-8, "Fixed Fee," and FAR 52.216-7, "Allowable Cost and Payment." Payments shall be subject to the withholding provisions of Paragraph (b) of FAR 52.216-8, provided that the total of all such monthly payment shall not exceed eighty-five (85%) percent of the fixed fee. Any balance of fixed fee due the contractor shall be paid to the Contractor, and any over-payment of fixed fee shall be repaid to the Government by the Contractor, or otherwise credited to the Government at the time of final payment.

* Represents the fixed fee proposed/negotiated for the year specified under CLINs 0001 through 4001

** Represents the total estimated level of effort for the year specified under CLINs 0001 through 4001

*** Represents the fixed fee divided by the estimated level of effort for the year specified under CLINs 0001 through 4001

	*	**	***
CLIN 0001	To be specified at the time of award	38,775	*** / 38,775
CLIN 1001	To be specified at the time of award	38,775	*** / 38,775
CLIN 2001	To be specified at the time of award	38,775	*** / 38,775
CLIN 3001	To be specified at the time of award	38,775	*** / 38,775
CLIN 4001	To be specified at the time of award	38,775	*** / 38,775

For the purposes of tracking the contract's total fixed fee, the "fixed fee" associated with any fixed-price task order will be the product of the above rate(s) multiplied by the total hours proposed for the task order.

PROFIT UNDER FFP TASK ORDERS

Profit for FFP task orders shall be established at the task order level and will be included within the firm fixed pricing of the task order. The maximum profit percentage that the contractor can quote in response to a FFP task order solicitation that is to be issued under an exception to the fair opportunity process is the fixed fee percentage that was proposed for the award of the contract calculated in the manner used for the proposal for the contract. In response to FFP task order solicitations issued under the fair opportunity process, the contractor may propose a lower or higher profit percentage than the maximum profit percentage defined above.

DURATION OF CONTRACT PERIOD

(a) This contract shall become effective on August 25, 2016 or date of award, whichever is later, and the ordering period shall continue in effect during the period ending 60 months after date of contract unless terminated in accordance with other provisions herein. Performance under any task order may continue in effect during the period ending 12 months after the last day of the ordering period.

(b) Notwithstanding the above, the Contracting Officer may extend the contract ordering period to accommodate the issuance of task orders in accordance with paragraph (e) of the Level of Effort clause.

5252.237-9401 PERSONNEL QUALIFICATIONS (MINIMUM) (Jan 1992)

(a) Personnel assigned to or utilized by the Contractor in the performance of this contract shall, as a minimum, meet the experience, educational, or other background requirements set forth below and shall be fully capable of performing in an efficient, reliable, and professional manner. If the offeror does not identify the labor categories listed below by the same specific difference.

(b) RESERVED.

(c) If the Ordering Officer questions the qualifications or competence of any person performing under the contract, the burden of proof to sustain that the person is qualified as prescribed herein shall be upon the Contractor.

(d) The Contractor must have the personnel, organization, and administrative control necessary to ensure that the services performed meet all requirements specified in delivery orders. The work history of each Contractor employee shall contain experience directly related to the tasks and functions to be assigned. The Ordering Officer reserves the right to determine if a given work history contains necessary and sufficiently detailed, related experience to reasonably ensure the ability for effective and efficient performance.

Personnel Qualifications/Performance Requirements: The performance of this contract is for analytic, wargaming, and technical support requiring personnel with skill sets and experience gained over an extended period of time, working the full range of requirements, planning, execution, and assessment efforts. The contractor is responsible for management and for providing adequate trained personnel to accomplish the tasks within this contract. General and specific capabilities based on experience will be set forth in each labor category. The contractor shall maintain quality skill sets of personnel to meet the requirements set forth herein.

Program Manager

A Program Manager requires a Masters degree in a technical or management discipline with seven (7) years experience, to include five (5) years managing complex projects involving a large number of people in subordinate groups OR a Bachelors degree in a technical or management discipline with fifteen (15) years experience managing progressively more complex systems/projects. The Program Manager must be able to organize, direct, and coordinate planning and production of all contract activities; interface with client management including the contracting officer and the Contracting Officer's Representative (COR). They must show the ability to recruit personnel necessary to perform assigned tasks; establish and alter (as necessary) program organization to provide effective contract support; and assign, schedule, and provide configuration control and quality assurance of project team deliverables. The Program Manager must ensure conformance to task order specifications and contract provisions.

Senior Operational Research Analyst

Summary of duties and responsibilities – Applies mastery level skill in advanced analytical, mathematical, or statistical techniques related to statistical analysis, parametric and non-parametric analysis, computer modeling, simulation, decision theory, mathematical programming, regression analysis, and economic analysis. Serves as a senior analyst in an analysis cell responsible for developing analytical models and methods. Advises other operations research analysts, scientists or engineers on techniques best suited for analyzing their problems.

Education and Experience – PhD from an accredited college or university in Operations Research, OR Masters from an accredited college or university in Operations Research plus 8 to 10 years of task related experience, OR a Bachelor's degree from an accredited college in Engineering (usually Industrial Engineering), Science, Economics, Mathematics, Statistics, or Management Science with at least 24 semester hours in a combination of operations research, mathematics, probability, statistics, mathematical logic, science, or subject-matter courses requiring substantial competence in college-level mathematics or statistics. At least 3 of the 24 semester hours must have been in calculus with at least 14 years of task related experience. Possesses extensive knowledge of the Joint Force, extensive experience analyzing the Joint Force, and/or extensive experience supporting the Joint Force.

Operational Research Analyst

Summary of duties and responsibilities – Applies mastery level skill in advanced analytical, mathematical, or statistical techniques related to statistical analysis, parametric and non-parametric analysis, computer modeling, simulation, decision theory, mathematical programming, regression analysis, and economic analysis. Serves as a senior analyst in an analysis cell responsible for developing analytical models and methods. Advises other operations research analysts, scientists, or engineers on techniques best suited for analyzing their problems.

Education and Experience – Masters from an accredited college or university in Operations Research plus 5 to 8 years of task related experience, OR a Bachelor's degree from an accredited college in Engineering (usually Industrial Engineering), Science, Economics, Mathematics, Statistics, or Management Science with at least 24 semester hours in a combination of operations research, mathematics, probability, statistics, mathematical logic, science, or subject-matter courses requiring substantial competence in college-level mathematics or statistics. At least 3 of the 24 semester hours must have been in calculus with at least 12 years of task related experience. Possesses knowledge of the Joint Force, experience analyzing forces, and/or experience supporting the U.S. Armed Forces.

Junior Operational Research Analyst

Summary of duties and responsibilities – Applies complex, up-to-date analytical, mathematical, or statistical principles and practices. Conducts background research, collecting and reducing data, displaying data for analysis, formulating mathematical expressions, and drawing conclusions. Leads a segment of a larger study or project, or responsible for overall management of smaller project.

Education and Experience – Masters from an accredited college or university in Operations Research plus 3 years of task related experience OR a Bachelor's degree from an accredited college in Engineering (usually Industrial Engineering), Science, Economics, Mathematics, Statistics, or Management Science with at least 24 semester hours in a combination of operations research, mathematics, probability, statistics, mathematical logic, science, or subject-matter courses requiring substantial competence in college-level mathematics or statistics. At least 3 of the 24 semester hours must have been in calculus with at least 10 years of task related experience. Possesses knowledge and experience analyzing and/or supporting the U.S. Armed Forces.

Subject Matter Expert

Summary of duties and responsibilities – Provides extremely high-level subject matter expertise for work described in the task. Provides advanced technical knowledge and analysis in a number of professions including national security, international relations, military, and Operations Research Systems Analyst (ORSA) related fields, which require doctorate level knowledge of the subject matter. Applies principles, methods, and knowledge of specific functional areas of expertise to specific task order requirements. Provides advice on esoteric problems, which requires extensive knowledge of the subject matter. Designs and prepares technical reports, studies and related documents. Plans and prepares technical briefings. Supports all aspects of a military organization's research and development policies, objectives, and initiatives. Researches new technologies that align with the mission and goals of the military organization.

Education and Experience – Retired Field-Grade Officer with a Masters Degree from an accredited college or university in the subject matter discipline as identified in the task order, with Command and General Staff College; OR a PhD from an accredited college or university in the specific subject matter discipline as identified in the task order, OR a Masters from an accredited college or university in university in the specific subject matter discipline as identified in the task order plus 25 years of task related experience. Possesses extensive knowledge of the Joint Force as demonstrated by education and/or assignments, and/or extensive experience supporting the Joint Force.

Senior Source Analyst

Summary of duties and responsibilities – Source Analysts shall support studies of combined and joint military operations conducted across the spectrum of war, from theater campaigns to operations other than war. Study objectives include course of action analysis, operational planning, time-phased force deployment data, feasibility assessments, identifying and managing areas of operational risk, determining force requirements, and developing tactics, techniques, and procedures for tactical and operational problems. Analysis is performed using widely accepted military combat models and simulations, all source intelligence analysis as well as other appropriate operations research techniques. Source Analysts provide support to gaming activities. Source Analysts interpret, synthesize, and present results and recommendations to senior military and civilian decision makers. Source Analysts shall be responsible for employing and maintaining selected models and simulations (to include their data bases) specifically designed to analyze some aspect of military operations. Must be capable of leading and managing interdisciplinary study teams conducting studies of a scope and nature expected of a theater level command. Also must have a detailed knowledge in military doctrine, planning and operational employment of forces - combat arms, combat support, and combat service support. Applies broad understanding of military command and control and force structure at the unified and specified level (joint commands) to the joint planning process and mission analysis.

Education and Experience – Master Degree from an accredited college or university or BA/BS degree minimum with completion of MEL4 (command and general staff college service equivalent) of military schooling plus 15 years of task related experience OR a combination of 20 years of military operational experience (5 of which earned as E-8 or O-4 or above). Possesses extensive knowledge of the Joint Force as demonstrated by education and/or assignments; and/or extensive experience supporting the Joint Force. Operational experience includes planning and executing combined and joint operations at the theater or component level, knowledge of combat arms, all source intelligence analysis, logistics, civil-military operations, and site's area of responsibility or functional area) and task related experience. .

Source Analyst

Summary of duties and responsibilities – Source Analysts shall support studies of combined and joint military operations conducted across the spectrum of war, from theater campaigns to operations other than war. Study objectives include course of action analysis, operational planning, time-phased force deployment data, feasibility assessments, identifying and managing areas of operational risk, determining force requirements, and developing tactics, techniques, and procedures for tactical and operational problems. Analysis is performed using widely accepted military combat models and simulations, all source intelligence analysis as well as other appropriate operations research techniques. Source Analysts provide support to gaming activities. Source Analysts interpret, synthesize, and present results and recommendations to senior military and civilian decision makers. Source Analysts shall be responsible for employing and maintaining selected models and simulations (to include their data bases) specifically designed to analyze some aspect of military operations. Under Immediate supervision, formulates and defines analysis scope and objectives.

Education and Experience – Bachelor's Degree from an accredited college or university plus 10 years of task related experience or Graduation from a military command and staff college plus 10 years of task related experience (5 of which earned as E-8 or O-4 or above) OR a combination of 15 years of military operational experience military operational experience (5 of which earned as E-8 or O-4 or above). Possesses knowledge of the Joint Force as demonstrated by education and/or assignments; and/or experience supporting the Joint Force. Operational experience includes planning and executing combined and joint operations at the theater or component level, knowledge of combat arms, all source intelligence analysis, logistics, civil-military operations, and site's area of responsibility or functional area) and task related experience.

Junior Source Analyst

Summary of duties and responsibilities – Source Analysts shall support in studies of combined and joint military operations conducted across the spectrum of war, from theater campaigns to operations other than war. Study objectives include course of action analysis, operational planning, time-phased force deployment data, feasibility assessments, identifying and managing areas of operational risk, determining force requirements, and developing tactics, techniques, and procedures for tactical and operational problems. Analysis is performed using widely accepted military combat models and simulations, all source intelligence analysis as well as other appropriate operations research techniques. Source Analysts provide support to gaming activities. Source Analysts interpret, synthesize, and present results, associated products and recommendations to senior military and civilian decision makers. Source Analysts shall be responsible for employing and maintaining selected models and simulations (to include their data bases) specifically designed to analyze some aspect of military operations. Under Immediate supervision, formulates and defines analysis scope and objectives.

Education and Experience – Bachelor's Degree from an accredited college or university plus 6 years of task related experience or 10 years of military operational experience (5 of which earned as E-8 or O-4 or above). Operational experience includes planning and executing combined and joint operations at the theater or component level, knowledge of combat arms, all source intelligence analysis, logistics, civil-military operations, and site's area of responsibility or functional area) and task related experience.

Analysis Assistant

Summary of duties and responsibilities – Leverages the efforts of other members of an analysis team, provides a broad spectrum of analysis support services. Services include supporting acquisition, conversion, and entry of data for models and analyses; output data reduction and formatting for presentation or inclusion in documentation; data management; facilitation of collaborative activities; and provision of expertise in data reduction techniques and tools.

Education and Experience – Bachelors' degree from an accredited college or university in a task order related area and at least 2 years of task relevant experience OR associate's degree in a task order related area and at least 4 years of task related experience.

(End of Summary of Changes)